

Lead Ore and Zinc Ore Mining: 2002

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2002 Economic Census

Mining

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
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Table 1. Historical Statistics for the Industry: 2002 and 1997

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Com- panies ¹	All estab- lish- ments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expendi- tures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212231, Lead ore and zinc ore mining 2002 . . 1997 . .	17 17	22 31	1 442 2 127	82 040 88 613	1 132 1 766	2 576 3 556	64 667 67 327	338 862 415 661	D 225 115	456 407 531 367	D 109 409

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. **Industry Statistics for Selected States and Offshore Areas: 2002**

[Not applicable to this report]

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
212231, Lead ore and zinc ore mining	
Companies ¹	number.. 17
All establishments ²	number.. 22
Establishments with 0 to 19 employees	number.. 12
Establishments with 20 to 99 employees	number.. 4
Establishments with 100 employees or more	number.. 6
All employees for pay period including March 12	number.. 1 442
Total compensation	\$1,000.. 111 133
Annual payroll	\$1,000.. 82 040
Annual fringe benefits not included in payroll	\$1,000.. 29 093
Production, development, and exploration workers for pay period including March 12	number.. 1 132
Production, development, and exploration worker annual hours	1,000.. 2 576
Production, development, and exploration worker annual wages	\$1,000.. 64 667
Total cost of supplies	\$1,000.. D
Supplies used, minerals received, and purchased machinery installed	\$1,000.. 100 587
Resales	\$1,000.. -
Purchased fuels consumed	\$1,000.. 13 171
Purchased electricity	\$1,000.. 20 665
Contract work	\$1,000.. D
Quantity of electricity purchased	1,000 kWh.. 437 091
Quantity of electricity generated less sold	1,000 kWh.. D
Total other expenses	\$1,000.. 17 436
Response coverage ratio ³	percent.. 62
Communications services	\$1,000.. 749
Legal services	\$1,000.. 1 148
Accounting, auditing, and bookkeeping services	\$1,000.. D
Advertising and promotional services	\$1,000.. D
All other expenses (not included above)	\$1,000.. 15 056
Total value of shipments and receipts for services	\$1,000.. 456 407
Primary products value of shipments	\$1,000.. D
Secondary products value of shipments and receipts for services	\$1,000.. D
Value of resales	\$1,000.. -
Value of primary products shipments or services produced in all industries	\$1,000.. 438 140
Value of primary products shipments or services produced in this industry	\$1,000.. D
Value of primary products shipments or services produced in other industries	\$1,000.. D
Value added	\$1,000.. 338 862
Total inventories, end of 2001	\$1,000.. 47 893
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 19 535
Supplies, parts, fuels, etc., inventories	\$1,000.. 28 358
Total inventories, end of 2002	\$1,000.. 198 879
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 123 306
Supplies, parts, fuels, etc., inventories	\$1,000.. 75 573
Gross book value of depreciable/depletable assets at beginning of year	\$1,000.. 711 750
Capital expenditures (except land and mineral rights)	\$1,000.. D
Capital expenditures for buildings, structures, machinery, and equipment (new and used)	\$1,000.. D
Capital expenditures for mineral exploration and development	\$1,000.. 66
Capital expenditures for mineral land and rights	\$1,000.. D
Deductions from depreciable/depletable assets during year	\$1,000.. D
Gross book value of depreciable/depletable assets at end of year	\$1,000.. 762 087
Total depreciation/depletion charges during year	\$1,000.. 64 346
Total rental payments during year	\$1,000.. 11 666
Buildings and other structures	\$1,000.. 339
Machinery and equipment	\$1,000.. 11 327
Lease rents	\$1,000.. -
Expensed mineral exploration, development, land, and rights	\$1,000.. D

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212231, Lead ore and zinc ore mining											
All establishments	2	22	1 442	82 040	1 132	2 576	64 667	338 862	D	456 407	D
Establishments with —											
0 to 4 employees	4	8	11	325	7	12	206	2 947	661	1 663	164
5 to 9 employees	—	1	a	D	D	D	D	D	D	D	D
10 to 19 employees	—	3	b	D	D	D	D	D	D	D	D
20 to 49 employees	4	4	122	5 116	98	214	4 368	25 704	7 396	19 923	2 037
50 to 99 employees	—	—	—	—	—	—	—	—	—	—	—
100 to 249 employees	—	4	f	D	D	D	D	D	D	D	D
250 to 499 employees	2	2	f	D	D	D	D	D	D	D	D
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ³	9	7	9	239	6	10	145	1 281	286	749	74

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Type of Operation: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments ¹		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
212231, Lead ore and zinc ore mining									
All establishments	22	10	1 442	82 040	1 132	2 576	64 667	338 862	456 407
Producing establishments	20	10	g	D	D	D	D	D	456 407
Mines or wells only	14	4	f	D	D	D	D	D	D
Underground mines	14	4	f	D	D	D	D	D	D
Open-pit mines	—	—	—	—	—	—	—	—	—
Combination mines, well operations, or other types of mines	—	—	—	—	—	—	—	—	—
Mines with preparation plants	6	6	f	D	D	D	D	D	D
Underground mines	6	6	f	D	D	D	D	D	D
Open-pit mines	—	—	—	—	—	—	—	—	—
Combination mines or other types of mines	—	—	—	—	—	—	—	—	—
Separately operated preparation plants	—	—	—	—	—	—	—	—	—
Undistributed ²	—	—	—	—	—	—	—	—	—
Nonproducing establishments	2	—	b	D	D	D	D	D	—

¹Includes establishments with payroll at any time during the year.

²Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products or Services Statistics: 2002 and 1997

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
212231	Lead ore and zinc ore mining	2002.. X 1997.. X	X X	438 140 528 153
2122311	Crude lead and zinc ores	2002.. X 1997.. X	X X	D 47 636
21223111	Crude lead and zinc ores	2002.. X 1997.. X	X X	D 47 636
2122311111	Crude lead and zinc ores mined	2002.. D 1997.. 13.1	X X	X X
2122311141	Crude lead and zinc ores and residues shipped or transferred	2002.. X 1997.. X	D N	D N
2122313	Lead and zinc concentrates	2002.. X 1997.. X	X X	403 548 478 187
21223131	Lead and zinc concentrates	2002.. X 1997.. X	X X	403 548 478 187
2122313111	Lead concentrates	2002.. .5 1997.. .6	P.5 .6	113 814 144 725
2122313121	Zinc concentrates	2002.. .9 1997.. .9	.9 .9	289 734 333 462
212231W	Lead ore and zinc ore mining, nsk	2002.. X 1997.. X	X X	D 2 330
212231WY	Lead ore and zinc ore mining, nsk	2002.. X 1997.. X	X X	D 2 330
212231WYWT	Lead ore and zinc ore mining, nsk	2002.. X 1997.. X	X X	D 2 330

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Not applicable to this report]

Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212231	Lead ore and zinc ore mining		
	Supplies consumed by type		
21220001	Crude ore and residues, received for concentration mil metric tons 2002 1997	D D	D D
21220003	Crude ore and residues, mined and concentrated at same establishment mil metric tons 2002 1997	D 10.4	X X
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation 2002 1997	X X	D 66 583
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment 2002 1997	X X	D 30 336
32500073	Industrial chemicals (chemical reagents, calcium chloride, etc.) excluding explosive materials and blasting accessories 2002 1997	X X	D 8 407
32592001	Explosive materials (including ammonium nitrate) and blasting accessories 2002 1997	X X	D 8 581
32621001	Tires and inner tubes 2002 1997	X X	D 3 563
32741001	Lime 2002 1997	X X	D D
33151003	Iron and steel castings 2002 1997	X X	D D
33120059	Steel shapes and forms (excluding castings and forgings) 2002 1997	X X	D 1 883
00970098	All other supplies 2002 1997	X X	7 881 16 855
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used 2002 1997	X X	7 792 440
	Fuels consumed by type		
21211003	Coal (bituminous, subbituminous, lignite, and anthracite) consumed as a fuel 1,000 s tons 2002 1997	D D	D D
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel 1,000 bbl 2002 1997	D D	D D
32411015	Gasoline used as a fuel mil gal 2002 1997	D .1	D 91
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) 2002 1997	X X	D D
00974000	Undistributed fuels 2002 1997	X X	1 268 94

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.